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TITLE: THERMAL RECORDING MATERIAL

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INVENTOR-INFORMATION:

NAME

KURISU, TOKUO

MORI, YASUTOMO

ASSIGNEE-INFORMATION:

NAME

RICOH CO LTD

COUNTRY

N/A

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ABSTRACT:

PURPOSE: To obtain a thermal recording material having high sensitivity, excellent in oil resistance, plasticizer resistance, water resistance or the like and enhanced in reliability of both image parts and ground parts, by sequentially providing a first protective layer comprising a water-soluble resin and a crosslinking agent as main constituents and a second protective layer comprising a resin and a zirconium compound as main constituents on a thermal color forming layer, in that order.

CONSTITUTION: A first protective layer comprising a water-soluble resin and

a crosslinking agent as main constituents and a second protective layer comprising a resin and a **zirconium** compound as main constituents are sequentially provided in that order on a **thermal** color forming layer, in a **thermal recording** material which comprises the **thermal** color forming layer comprising a leuco dye and a color developer as main constituents on a base. With this construction, an excellent color forming sensitivity is ensured, decoloration of an image part or color development at a ground part is prevented from being caused by an oil or fat, a plasticizer or water, and reliability is markedly enhanced. The water-soluble resin used in the first protective layer is preferably a water-soluble resin having at least one functional group selected from the group consisting of carboxyl, hydroxyl, amino, amido, imino and imido.

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